C1 Cont'd

099E is so made that it is to be hardened and molded by an autoclave method, thereby forming the front and rear surface layers.

IN THE CLAIMS

Please substitute the following amended claim(s) for corresponding claim(s) previously presented. A copy of the amended claim(s) showing current revisions is attached.

Sub D1

1. (Twice Amended) A honeycomb sandwich panel comprising:

a honeycomb core having a number of cells extending therethrough in a thickness direction of the honeycomb core; and

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a front surface layer and a rear surface layer provided on both sides of the cells in the thickness direction of the honeycomb core and closing openings of the cells, at least one of the front surface layer and the rear surface layer being made of a porous and air-permeable fiber reinforced plastic using a phenolic resin as a matrix.

3. (Twice Amended) A honeycomb sandwich panel according to claim 1, wherein each of the front surface layer and the rear surface layer is made of a porous and air-

C3

permeable carbon fiber reinforced plastic using a phenolic resin as a matrix.

4. (Twice Amended) A honeycomb sandwich panel according to claim 1, wherein each of the front surface layer and the rear surface layer is made of a porous and air-permeable glass fiber reinforced plastic using a phenolic resin as a matrix.

7. (Thrice Amended) A honeycomb sandwich panel for use in an interior material,

C4

exterior material, partition material or structural member of a spacecraft comprising:

a honeycomb core having a number of cells ex tending therethrough in a thickness direction of the honeycomb core; and

a front surface layer and a rear surface layer provided on both sides of the cells in the thickness direction of the honeycomb core and closing openings of the cells, at least one of the front surface layer and the rear surface layer being made of a porous and air-permeable fiber reinforced plastic using a phenolic resin as a matrix.

9. (Twice Amended) A honeycomb sandwich panel according to claim 7, wherein each of the front surface layer and the rear surface layer is made of a porous and air-permeable carbon fiber reinforced plastic using a phenolic resin as a matrix.

10. (Twice Amended) A honeycomb sandwich panel according to claim 7, wherein each of the front surface layer and the rear surface layer is made of a porous and air-permeable glass fiber reinforced plastic using a phenolic resin as a matrix.